

Title (en)
FLAME-RETARDANT POLYETHYLENE TEREPHTHALATE RESIN COMPOSITIONS

Title (de)
FLAMMHEMMENDE POLYETHYLENTEREPHTHALATHARZZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS DE RESINE IGNIFUGE DE TEREPHTALATE DE POLYETHYLENE

Publication
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Application
EP 96905017 A 19960307

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- JP 7970595 A 19950310
- JP 7970695 A 19950310
- JP 18066695 A 19950622
- JP 24469595 A 19950922
- JP 25404095 A 19950929
- JP 28662895 A 19951006

Abstract (en)
[origin: EP0763567A1] There are disclosed a flame retardant polyethylene terephthalate resin composition comprising (A) a polyethylene terephthalate resin containing ethylene terephthalate units as a main constituent, prepared by the use of a germanium compound as a catalyst, (B) a halogen flame retardant, (C) at least one compound selected from the group consisting of epoxy compounds and carbodiimide compounds and (D) an antimony compound, and moreover, resin compositions further containing, besides those (A), (B), (C) and (D), at least one selected from the group consisting of (E) a reinforcing filler, (F) at least one inorganic compound composed of silicates and silicic acid and (G) a crystallization accelerator. The resin compositions are excellent in physical properties and wet heat resistance. By the addition of the specific inorganic compounds and the crystallization accelerators, releasability is also improved and thus high cyclization of molding is possible.

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5. **C08L 67/02** + **C08L 71/00**

Citation (search report)

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- [Y] EP 0048483 A1 19820331 - TORAY INDUSTRIES [JP]
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- [Y] DATABASE WPI Section Ch Week 199309, Derwent World Patents Index; Class A21, AN 1993-071264, XP002119003
- [Y] DATABASE WPI Section Ch Week 198734, Derwent World Patents Index; Class A23, AN 1987-237564, XP002119004
- [Y] CHEMICAL ABSTRACTS, vol. 94, no. 26, 29 June 1981, Columbus, Ohio, US; abstract no. 209814, XP002119006 & JP S5624419 A 19810309 - TOYO BOSEKI
- [DY] DATABASE WPI Section Ch Week 198436, Derwent World Patents Index; Class A23, AN 1984-221833, XP002119005
- See references of WO 9628512A1

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